

Networks In Schools: Children as Publishers and Community Leaders

Brewster Kahle
President
Wide Area Information Servers, Inc
May 1994

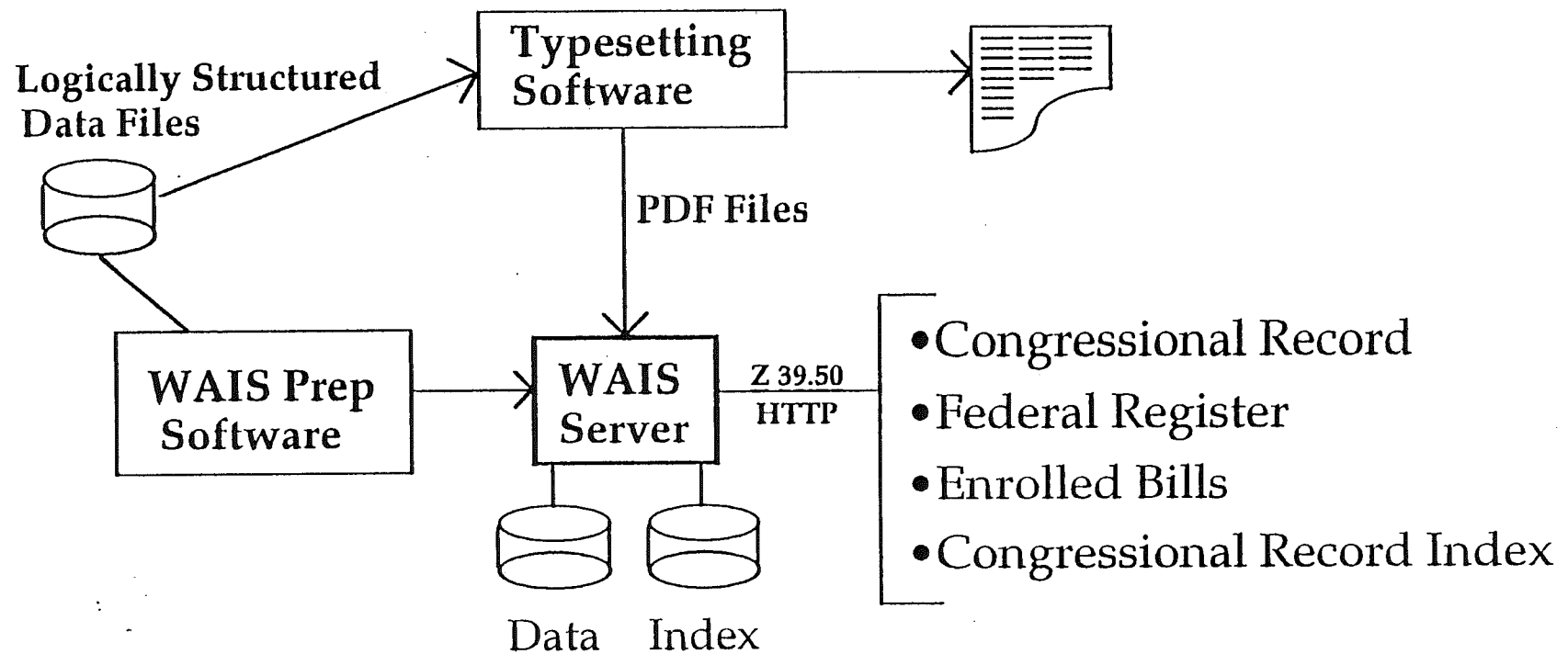
Yesterday: Computers in Schools

- Logo and Turtles
- CDROM/VideoDisk
- Channel 1
- We don't want Interactive-- we want bi-directional!

Today: Network Books

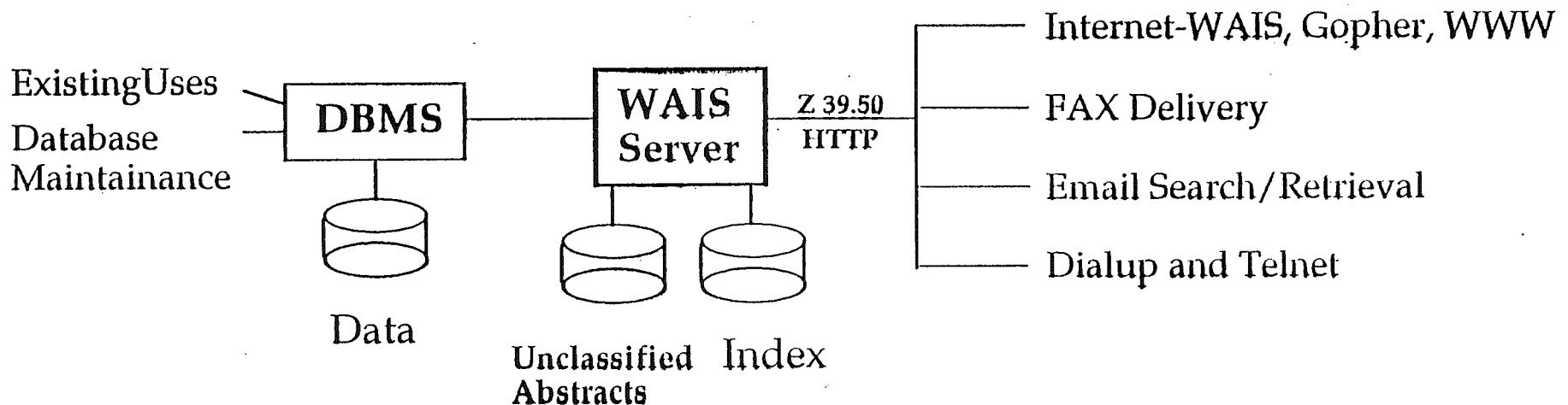
- Network Books: Gopher/WWW/WAIS
- Scholastic Online
- Encyclopaedia Britannica Online
- Wall St Journal/ New York Times
- Government printing office
- AppleSearch/Adobe Acrobat for Schools

Government Printing Office on the Internet



- Project Currently in Testing
- Integrates Adobe Acrobat Files for Print Quality Pages

Defense Technical Information Center on the Internet



- Project Started November 1993
- Increased access to Databases and Documents

SEARCH WINDOW



Keywo

Title

Author

Date

Grade Level

Material Type

Subjects

Abstract

Cost Category

Availability

Record Number

Language

Publisher

Specifications

Source Note

Series

Target Audience

Contents

Geographic Focus

Equipment

Notes

Standards

Evaluation

Funding

Samples

Copy Locations

Databases:

RSCD-Education

ENC-CAT

ENC-FPD

ERIC-Archive

Clear

Search

AND

Docu

Select WAIS Database(s)

Close

SEARCH WINDOW

MODEL 1

Close

Size

Copy Model

Render

Copy Text

ModBrowser Testing

This is a binary test file written
by AIS Modeler. Author: Jin W.
Choi

Text Retrieved: 100%

Downloading Finished

Close

NYT 04-20-94 - Highlights

The New York Times

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Wednesday, April 20, 1994

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The Wall Street Journal - Highlights

THE WALL STREET JOURNAL HIGHLIGHTS

"Personal Edition" From Ensemble

Friday, April 15, 1994

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PERSONAL INDEX

Auto Browser
Personal Path

Front Page

Car-Killer Potholes Have a New Enemy This Year:
Roboplop --- The Vehicle Scans and Fills The Most
Pesky Craters -- When It Actually Works

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Revolt Within Rank and File --- Stands Taken in
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Making Inroads: Japan's Imports Rise, And U.S.
Companies Are Gaining New Sales --- The Strong
Yen and a Surge In Competitiveness Pry Open the
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Street Journal's Capital Bureau

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[Corrections...](#)

The Wall Street Journal™...



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*This experimental World Wide Web database contains the full text of The New Encyclopædia Britannica, 15th Edition. The automatic conversion has **not** been checked by the editors. For example, equations are in many instances incorrectly rendered or not displayed at all.*

[About Britannica Online](#)

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Where it is going:

- **Network Publishers: Payment systems, Authoring tools**
- **Distributed Editors: Navigation through the Muck**
- **Digital Libraries: Integrated Human Librarians**

Teachers as Publishers

- Shared Curriculum Materials
- Home Schooling
- Continuing Education

Children as Publishers

- Pen Pals/remote collaboration
- Allow every child to publish!
- Network Essays

Hillside Elementary School



Hillside Elementary

Search

hillside

URL: <http://hillside.coled.umn.edu/class6/class.html><http://hillside.coled.umn.edu/>

Hillside Elementary School



We're beginning to soar on the Internet!

Mrs. Collins' Sixth Grade Class

cdc@hillside.coled.umn.edu

- [adam adam@hillside.coled.umn.edu](mailto:adam@hillside.coled.umn.edu)
- [alata alata@hillside.coled.umn.edu](mailto:alata@hillside.coled.umn.edu)
- [amanda amanda@hillside.coled.umn.edu](mailto:amanda@hillside.coled.umn.edu)
- [bryant bryant@hillside.coled.umn.edu](mailto:bryant@hillside.coled.umn.edu)

BrontoBoot



Bronto1



Bronto2



Backup Partition



Than



Lias Director



Trash



Anders Ardö

email: Anders.Hindewat2.lu.se

Tel: int +45 45104455

Fax: int +45 45104422

Lund University Library, US2

P.O. Box 3

5-227 DU LIND, SWEDEN

BrontoBoot

Document Bronto1

3/21 Bronto2

Bronto3





Backup Partition

Alias Director

-94 invoice

report Trash

Trojan Room Coffee Machine

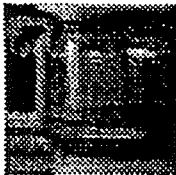




Trojan Room Coffee

Search: coffee pot

URL: http://www.cl.cam.ac.uk/coffee/coffee.htm

The Trojan Room Coffee Machine

[Click here](#) for an up to date picture of the Trojan Room coffee machine.



About this service

This service was created as the first application to use a new RPC mechanism designed in the Computer Laboratory - MSRPC2. It runs over MSNL (Multi-Service Network Layer) - a network layer protocol designed for ATM networks.

toBoot
onto1
onto2
onto3
Partition
Director
Voice
trash

Tomorrow: Children as Community Leaders

- **Habitat (1982)**
- **Virtual Museum (MIT)**
- **Sega vs. Computers**

Networked Schooling

- Networks can change the nature of Schooling
- Everyone can and must participate

WAIS Inc is a Technology Partner for Education

Brewster @wais.com